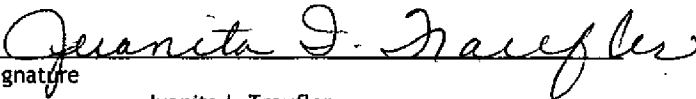


CERTIFICATE OF ELECTRONIC FILING: I hereby certify that this **AMENDMENT AND REPLY TRANSMITTAL** and the paper(s), as described herein, are being electronically filed with the Patent Trademark Office addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 29th day of JULY, 2008.


Signature _____
Juanita I. Traufler
Printed Name _____

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s):	Kenneth B. Stokes)	
	Josee Morissette)	
Serial No.:	10/685,237)	Group Art Unit: 3762
Filed:	October 14, 2003)	Confirmation Number: 4635
For:	System and Method for Enhancing Cardiac)	Examiner: Kahelin, Michael W.
	Signal Sensing by Cardiac Pacemakers)	
	Through Genetic Treatment)	
Docket No.:	P0003586.01 US)	

AMENDMENT AND REPLY

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Applicants enclose their response to the Office action mailed **01/30/2008** to the above captioned application.

Claims **36-46** are pending and stand rejected. A shortened statutory period for reply was set to expire 3 months from the mailing date of this application extendable to 6 months from the mailing date. Applicants submit with transmitted documents a request for a three month extension. All fees due with this response should be charged to Applicants Deposit Account No. 13-2546.